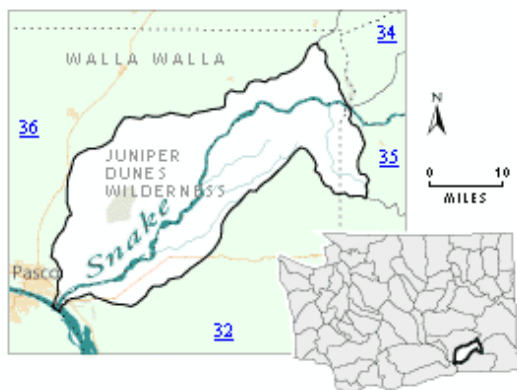


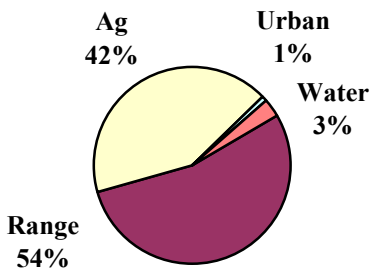
Lower Snake Basin - WRIA #33



WRIA #33 is located within the Columbia Basin ecosystem. This 461,472-acre watershed receives about 11 inches per year of rainfall.

Demographics

Land use in the Lower Snake Basin



Land Base (in acres)

Federal	26,712	5.8%
State	20,642	4.5%
Local	134	<.1%
Tribal	-0-	-0-
Private	413,984	89.7%

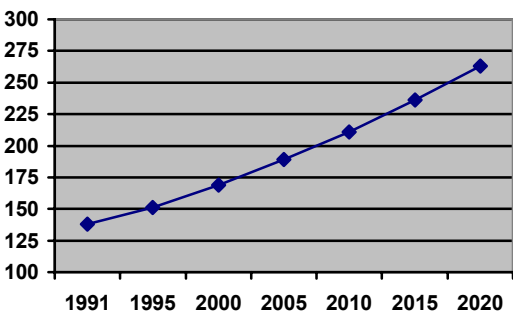
Principal Economic Activity (as total wages)

Agriculture	25%
Retail Trade	13%
Services	18%
Government	18%
Manufacturing	8%
Other	18%

Population

There are approximately 174 people living in the Lower Snake Basin. The majority of people live in unincorporated areas.

Projected population trends



Counties

Franklin	(57%)	Walla Walla	(39%)
Columbia	(4%)		

Special purpose districts

Conservation Districts: Franklin; Walla Walla County; Columbia
Irrigation Districts: Burbank

Principal Cities

Page	Burbank
Snake River	Burbank Heights
Haas	

Reservation Lands

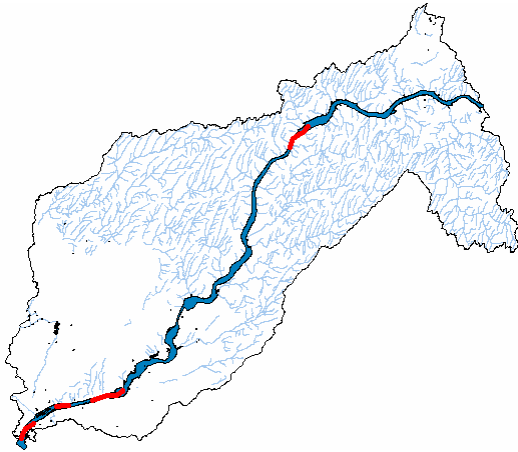
None

General Landscape

The scablands and loess islands were formed as immense floods periodically broke through the ice dams blocking glacial Lake Missoula during the Pleistocene. Soils are typically deep loess on hills and foothills. Potential natural vegetation is big sagebrush, bluebunch wheatgrass, Idaho fescue, and bitterbrush.

Surface Water Quality

303(d) listed waterbodies



1. 303(d) Listed Problem Areas

High Temperature in Snake River

Dissolved Oxygen in Snake River

Total Dissolved Gas in Snake River

Total Maximum Daily Loads

1 TMDL required from the 1998 303(d) list

2. Impacted Beneficial Uses

Groundwater Quality

Nitrate – Levels detected > 10 g/L

Pesticides – Have been detected in public wells.

Sole Source Aquifer

None

Water Quantity

No Concerns

Air Quality

(From windblown dust)

Approximately 91,925 fallow acres yearly

Public Health

Commercial Shellfish Growing Areas

None

Domestic Water Supply

No significant use of surface water sources

Salmonid Stock Status

Healthy

3. Water Quality Programs

1. TMDLs for Snake River
2. Mid-Columbia Basin Ground Water Management Area, Franklin County
3. Columbia Basin Groundwater Management Area, Franklin CD/Benton-Franklin County Health
4. DOE Franklin County Watershed Education Program, Franklin CD
5. Increase Irrigation Efficiencies Program, Franklin CD
6. DOE Crop Remote Sensing Project, Franklin CD
7. Groundwater Nitrate Implementation Project, Franklin CD
8. Dairy Nutrient Management Project, Franklin CD
9. Nitrate Education Program, Benton-Franklin County Health
10. On-Site Sewage Program, Benton-Franklin/Walla Walla County Health